CATALOGUE

OF THE

OFFICERS AND STUDENTS

OF

LAFAYETTE COLLEGE,

FOR THE

YEAR 1875–1876.

WITH THE COURSES OF STUDY.

EASTON, PA.
1876.

COLLEGE CALENDAR.

1875.

September 2, Thursday.—First term began.
December 22, Wednesday.—First term ended.

VACATION OF TWO WEEKS.

1876.

January 6, Thursday.—Second term begins.
January 27, Thursday.—Day of Prayer for Colleges.
February 22, Tuesday.—Anniversary of the Washington Literary Society.
March 21, Tuesday.—Junior Orator Contest.
March 22, Wednesday.—Second term ends.

VACATION OF TWO WEEKS.

April 6, Thursday.—Third term begins.
June 12—14.—Final Examination of the Senior Class.
June 22—26.—Examination of the lower classes.
June 25, Sunday.—Baccalaureate Sermon.
June 25, Sunday.—Anniversary of the Brainerd Missionary Society.
June 25, Sunday.—Sermon before the Christian Brotherhood.
June 26, Monday.—Senior Class Day and Concert.
June 27, Tuesday.—Reunion Meetings of the Literary Societies.
June 27, Tuesday.—Technical Theses read and defended.
June 27, Tuesday.—Alumni Oration and Social Reunion.
June 27, Tuesday.—Oration before the Literary Societies.
June 28, Wednesday.—Commencement Exercises.
June 29, Thursday.—Examinations for Admission.

VACATION OF NINE WEEKS.

August 29—30, Tuesday and Wednesday.—Examinations for admission.
August 31, Thursday.—First term begins.
November 24, Friday.—Anniversary of Franklin Literary Society.
December 20, Wednesday.—First term ends.

VACATION OF TWO WEEKS.

1877.

January 4, Thursday.—Second term begins.
March 20, Wednesday.—Second term ends.

VACATION OF TWO WEEKS.

TRUSTEES.

HON. JAMES POLLOCK, LL.D., PRESIDENT,	PHILADELPHIA.
REV. S. M. ANDREWS, D.D.,	DOYLESTOWN.
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REV. ROBERT HAMILL, D.D.,	BOALSBURG.
WILLIAM C. LAWSON,	MILTON.
MATTHEW HALE JONES,	EASTON.
REV. SAMUEL F. COLT,	LAPORTE.
REV. AARON H. HAND, D.D.,	PALISADES, N. Y.
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HON. JAMES ROSS SNOWDEN, LL.D.,	PHILADELPHIA.
A. PARDEE,	HAZLETON.
ALFRED MARTIEN,	PHILADELPHIA.
REV. J. H. MASON KNOX, D.D.,	BRISTOL.
THOMAS BEAVER,	DANVILLE.
JOHN WELLES HOLLENBACK,	WILKES BARRE.
WILLIAM DORRIS,	HUNTINGDON.
MORRIS PATTERSON,	PHILADELPHIA.
JOHN CURWEN, M.D.,	HARRISBURG.
WILLIAM ADAMSON,	PHILADELPHIA.
THOMAS DICKSON,	SCRANTON.
THOMAS L. McKEEN,	EASTON.
GEN. ROBERT PATTERSON,	PHILADELPHIA.
BENJAMIN G. CLARKE,	NEW YORK CITY.
C. DELANO WOOD,	BROOKLYN, N. Y.
HON. G. DAWSON COLEMAN,	LEBANON.

SAMUEL L. FISLER, SECRETARY AND TREASURER, EASTON, PA.

MEMBERS OF THE FACULTY.

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AND PROFESSOR OF MENTAL AND MORAL PHILOSOPHY.

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PROFESSOR OF GENERAL CHEMISTRY.

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PROFESSOR OF THE ENGLISH LANGUAGE AND COMPARATIVE PHILOLOGY.

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PROFESSOR OF HUMAN PHYSIOLOGY AND ANATOMY.

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PROFESSOR OF LATIN AND OF BIBLICAL AND PHYSICAL GEOGRAPHY.

REV. THOMAS C. PORTER, D.D.,
PROFESSOR OF BOTANY AND ZOOLOGY.
(Jessie Chamberlain Professorship of Botany.)

REV. AUGUSTUS A. BLOOMBERGH, PH. D.,
PROFESSOR OF MODERN LANGUAGES.

REV. ROBERT B. YOUNGMAN, A.M.,
PROFESSOR OF THE GREEK LANGUAGE AND LITERATURE.

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PROFESSOR OF METALLURGY AND MINERALOGY.

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PROFESSOR OF RHETORIC AND ELOCUTION, AND OF PHYSICAL CULTURE.

ROSSITER W. RAYMOND, PH. D.,
LECTURER ON MINING GEOLOGY.

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PROFESSOR OF MATHEMATICS AND ASTRONOMY.
(George Hollenbach Professorship of Mathematics.)

JAMES W. MOORE, A.M., M.D.,
PROFESSOR OF MECHANICS AND EXPERIMENTAL PHILOSOPHY.

JUSTUS MITCHELL SILLIMAN, M.E.,
MARKLE PROFESSOR OF MINING ENGINEERING AND GRAPHICS.

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REV. ADDISON BALLARD, D.D.,
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ARTHUR LATHAM BAKER, C.E.,
ADJUNCT PROFESSOR OF CIVIL ENGINEERING.

JOSEPH JOHNSTON HARDY, A.M.,
ADJUNCT PROFESSOR OF MATHEMATICS.

DAVID BENNETT KING, A.M.,
ADJUNCT PROFESSOR OF LATIN.

WM. BAXTER OWEN, A.M.,
ADJUNCT PROFESSOR OF GREEK.

JOHN MEIGS, A.M.,
ADJUNCT PROFESSOR OF MODERN LANGUAGES.

ANDREW H. CAUGHEY, A.M.,
ADJUNCT PROFESSOR OF LATIN.

WILLIAM S. SWEENY, A.M.,
TUTOR IN CHEMISTRY.

JOHN G. DIEFENDERFER, C.E.,
TUTOR IN MATHEMATICS.

WILLIAM HENRY SCHUYLER, A.B.,
TUTOR IN ANCIENT LANGUAGES.

JOSEPH R. SHIMER, M.E.,
TUTOR IN METALLURGY.

EDWARD HART, B.S.,
TUTOR IN CHEMISTRY.

WM. H. WEAVER, Janitor.

BOARD OF EXAMINERS

FOR THE PARDEE SCIENTIFIC DEPARTMENT.

Term Expires 1876.

STRICKLAND KNEASS,	PHILADELPHIA.
P. W. SHEAFER,	POTTSVILLE.
FRANK CARTER,	MAHANOY CITY.
DAVID THOMAS,	CATASAUQUA.
ALFRED HAND,	SCRANTON.
CHARLES PARRISH,	WILKES-BARRE.

Term Expires 1877.

JOHN W. GARRETT,	BALTIMORE, MD.
A. A DOUGLAS,	MAUCH CHUNK.
JOHN WANAMAKER,	PHILADELPHIA.
H. C. FAHNESTOCK,	NEW YORK CITY.
HENRY J. WILLIAMS,	CHESTNUT HILL.
ALEXANDER L. HOLLEY,	NEW YORK CITY.

Term Expires 1878.

ASHBEL WELSH,	LAMBERTVILLE, N. J.
SELDEN T. SCRANTON,	OXFORD, N. J.
JOHN LEISENRING,	MAUCH CHUNK.
HENRY K. SMITH,	CHESTNUT HILL.
W. DWIGHT BELL,	PHILADELPHIA.
HENRY McCORMICK,	HARRISBURG.

COMMITTEE OF THE ALUMNI.

REV. GEORGE C. HECKMAN, D.D., President of Hanover College, Ind., President of the Alumni Association, Class of 1845.

HON. NATHANIEL B. SMITHERS, Dover, Delaware, Class of 1836.

HON. WILLIAM A. PORTER, Philadelphia, Class of 1839.

GEN. EDWARD L. CAMPBELL, Trenton, N. J., Class of 1855.

CHARLES B. VASTINE, M.D., St. Louis, Mo., Class of 1856.

FRANK D. HETRICK, A.M., Assayer, U. S. Mint, San Francisco, Cal., Class of 1859.

BENJAMIN DOUGLASS, Jr., A.M., New York City, Class of 1871.

STUDENTS.

REFERENCES.

South College, S.—East Hall, E.—Blair Hall, B.—Newkirk Hall, N.—Martien Hall, M.—Powell Hall, P.—McKeen Hall, McK.—Special Course, †

RESIDENT GRADUATES.

NAMES.	GRADUATION.	SPECIAL STUDY.
Prof. S. G. Barnes, A.B., Iowa College, Grinnell, Ia.	Lafayette, 1873. 339 Bushkill Street.	Philology.
J. V. A. Craighead, M.E., New York City.	Lafayette, 1875. 132 N. 4th St.	Mining Engineering.
Andrew F. Derr, A.B., Wilkes-Barre.	Lafayette, 1875. 245 Bushkill St.	Modern Languages.
Wm. Henry Harrison, A.B., Easton.	Lafayette, 1875. 45 McCartney St.	Natural History.
J. B. Heller, Jr., A.B., Easton.	Lafayette, 1874. 675 Walnut St.	Chemistry.
A. M. McComb, C.E., Dayton, Ohio.	Lafayette, 1875. 132 N. 4th St.	Mining Engineering.

SENIORS.

NAMES.	RESIDENCES.	ROOMS.
Isaac Oakford Acton,	*Salem, N. J.,*	12 McK.
Fernando de Albuquerque,	*San Paulo, Brazil,*	238 Bushkill St.
Joseph Kirkwood Alexander,	*Moundsville, W. Va.,*	9 P.
Milton Rothrock Alexander,	*Lewistown,*	47 S.
Clarence Newton Andrews,	*Easton,*	340 Spring Garden St.
Joseph Howell Andrews,	*Phillipsburg, N. J.,*	43 S.
George Albert Angle,	*Roxburg, N. J.,*	9 M.
James Bacon,	*Osceola,*	4 McK.
Isaac Barber,	*Phillipsburg, N. J.,*	1 P.

SENIORS—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Allen Peter Berlin,	*Slatington*,	8 McK.
Samuel Austin Besson,	*Everettstown, N. J.*,	10 N.
Charles Welles Bixby,	*Wyalusing*,	26 McK.
Maynard Bixby,	*Wyalusing*,	26 McK.
Silas Belden Brown,	*May's Landing, N. J.*,	5 McK.
John Alfred Buchanan,	*Honeybrook*,	13 P.
Richard Edward Chism,	*Easton*,	Porter's Block.
John Waugh Clendenin,	*Mechanicsburg*,	11 M.
John Alexander Covode,	*Chambersburg*,	11 M.
William Franklin Dannehower,	*Tylersport*,	22 McK.
Harry Emmons,	*Wilmington, Del.*,	2 McK.
William Thomas Fee,	*Franklin*,	18 McK.
John Slough Freeman,	*Centre Point*,	22 S.
John Bennett Fuller,	*Montoursville*,	36 S.
John Torrey Fuller,	*Wilkes-Barre*,	10 McK.
James Gayley,	*Colora, Md.*,	6 M.
Jacob Bruner Graham,	*Honeybrook*,	13 P.
Frank Graham Harris,	*Glen Hope*,	19 McK.
Thomas Abraham Horn Hay,	*Easton*,	341 Northampton St.
John King Hays, Jr.,	*Williamsport*,	330 Spring Garden St.
Alfred Heebner,	*Port Carbon*,	8 P.
John Burke Hendry,	*Easton*,	13 S.
Charles Christopher Henschen, Jr.,	*Baltimore, Md.*,	13 B.
Everett Newell Huggins, †	*New York City*,	34 S.
Forrest Hulings,	*Emlenton*,	14 McK.
Willis Martin Hunt,	*Clarksville, N. J.*,	18 McK.
John Coleman Irwin,	*Indiana*,	9 M.
Matthew Hale Jones, Jr.,	*Easton*,	87 Centre Square.
Jackson Perry Keeney,	*Towanda*,	44 S.
John Franklin Keller, †	*Lancaster*,	1 E.
Alexander Lowry Kinkead,	*Hollidaysburg*,	14 McK.
Edwin Houston Lamberton,	*Franklin*,	27 McK.
Asa Leard,	*Cowansville*,	14 M.
Thomas William Leard,	*Cowansville*,	14 M.
Arthur Coffin Logan,	*Scranton*,	11 P.
Harry Vannuys Logan,	*Scranton*,	11 P.
Alvin Theodore Ludwig,	*Allentown*,	9 N.
John Moore McCahan,	*Philadelphia*,	14 B.
Oliver Campbell McClure,	*Thurlow*,	20 B.

SENIORS—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
William Henry McCurdy,	*Slate Hill*,	45 S.
Abram McMurtrie,	*Belvidere, N. J.*,	20 McK.
John Stockton Marquis,	*Dunningsville*,	24 S. C.
William Andrew May,	*Williamsport*,	19 McK.
Henry Daniel Michler,	*Easton*,	Lafayette Park.
James Monahan,	*Sedalia, Mo.*,	37 S.
Samuel Black Neilson,	*New Bloomfield*,	17 N.
Clearfield Park,	*Bloomsbury, N. J.*,	24 McK.
Edward Peacock,	*Lancaster*,	6 M.
William Louis Plack, †	*Altoona*,	1 McK.
John Porter,	*Easton*,	Prof. Porter's.
Henry Emery Raesly,	*Mount Bethel*,	14 S.
George Montgomery Rea, †	*Hackettstown, N. J.*,	9 McK.
Russell B. Rice,	*Perrysville, Ohio*,	12 N.
James Reese Schick, †	*Easton*,	43 N. 4th St.
Nicholas Irwin Scott, †	*Twenty-Mile Stand, O.*	11 S. Centre Sq
John Jay Serfass, †	*Easton*,	453 Northampton St.
Wyn Reeves Sewell,	*Allegheny*,	8 M.
Cyrus Lee Stevens,	*Stevensville*,	37 S.
William Clark Stull,	*Milford, N. J.*,	22 S.
Israel Henry Supplee, †	*West Haverford*,	12 McK.
Victor Piollet Wierman,	*Harrisbury*,	6 E.

SENIORS.....70.

JUNIORS.

NAMES.	RESIDENCES.	ROOMS.
Charles Baeder Adamson,†	*Philadelphia,*	12 P.
John Bell Alexander,	*Lewistown,*	47 S.
William John Alexander,	*East Liberty,*	43 S.
Walter Lowrie Alexander,	*Moundsville, W. Va.,*	9 P.
William Edgar Baker,	*Elizabeth, N. J.,*	N. 3d St.
Charles Heath Bannard,	*Salem, N. J.,*	12 M.
Edwin Clark Beers,	*Phillipsburg, N. J.,*	43 S.
Joseph Edward Bimm,	*Dayton, Ohio,*	20 McK.
James Wilson Bright,	*Lock Haven,*	23 S.
Asher Davidson Bubb,	*Antes Fort,*	36 S.
Jacob Pennypacker Buckwalter,	*Schwenksville,*	32 S.
Robert Williams Clark,†	*Chambersburg,*	27 S.
Harold Clemens,†	*Easton,*	——
John Wesley Codding,	*Towanda,*	7 P.
Robert Gilson Craighead,†	*Dayton, Ohio,*	12 McK.
Thomas Roney Crowell,	*Odessa, Md.,*	232 Bushkill St.
George Palmer Curtis,	*Hackettstown, N. J.,*	35 S.
Rufus Darr,	*Jacob's Creek,*	——
David Duncan Davidson,	*Warren,*	12 B.
John Russell Dickson,	*Hunterstown,*	10 M.
Ferdinand Van Derveer Dilts,	*Somerville, N. J.,*	43 N. 4th St.
Casper Dull,†	*Harrisburg,*	6 McK.
Mervin Johnson Eckels,	*New Kingston,*	10 M.
Charles Henry Edgar,	*Elizabeth, N. J.,*	58 N. 2d St.
Albert Cecil Fairchild,	*Newark, N. J.,*	43 N. 4th St.
Edwin John Farber,	*Baltimore, Md.,*	129 Cattell St.
Thomas Chalmers Ferguson,	*Bordentown, N. J.,*	200 McCartney St.
Howard Mervin Fisher,	*Elkview,*	48 S.
Robins Fleming,	*Readington, N. J.,*	825 Walnut St.
James Wesley Gilland,	*Shady Grove,*	27 S.
James Traey Hale,	*Towanda,*	7 P.
Russell B. Harrison,	*Indianapolis, Ind.,*	214 Bushkill St.
Wm. Piper Smith Henry,	*Everett,*	58 S.
Abraham Hogeland,	*Doylestown,*	28 S.
Albert Harrison Hogeland,	*Davisville,*	28 S.
Andrew Porter Huey,	*Airy Dale,*	28 McK.
Henry Clay Hunt,†	*Poughkeepsie, N. Y.,*	619 High St.

JUNIORS—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Robert Playford Kennedy,	*Philadelphia*,	17 B.
Edward Joseph Knox,	*Dayton*,	45 Sitgreaves St.
John McFarland Leech,	*Saltsburg*,	31 S.
Charles Franklin Lewis,	*Knowlesville, N. Y.*,	26 N. 3d St.
Ellis Reuben Lichtenwallner,	*Allentown*,	McCartney St.
Edward Wack Long,	*Philadelphia*,	50 S.
Simon Cameron Long,	*Pine Grove*,	13 M.
Oram Howard McAnulty,	*Scranton*,	45 Sitgreaves St.
Henry Mahn McIntire,	*Easton*,	1136 Washington St.
Gilbert N. Marshall, Jr.,†	*New York City*,	232 Bushkill St.
Samuel Albert Martin,	*Canonsburg*,	24 S.
Clifton Mayfield,	*Georgetown, D. C.*,	25 McK.
Francis Hardy Moore,	*Philadelphia*,	202 Bushkill St.
Edward Francis Mordough,	*Brooklyn, N. Y.*,	3 E.
Frederick Gordon Newton,	*Towanda*,	14 E.
Barton Pardee,	*Hazleton*,	12 P.
James Lawson Patterson,	*Savannah, Ohio*,	33 S.
William Hart Patterson,	*Columbia, S C.*,	21 S.
George Henry Ruggles Plumb,	*Sugar Notch*,	21 McK.
Henry Albert Potter,	*Chestnut Hill*,	24 N.
McCluney Radcliff,	*Lewistown*,	23 S.
James Nelson Ramsey, Jr.,	*Clinton, N. J.*,	45 Sitgreaves St.
Milo Pearson Reagle,	*Mount Bethel*,	14 S.
Stephen Marion Reynolds,	*Factoryville*,	35 S.
Harry Vernon Rice,	*Kalamazoo, Mich.*,	123 McCartney St.
Wallace Berkley Riegner,	*Chambersbury*,	27 S.
James Boyd Risk,	*Philadelphia*,	15 McK.
Jacob Washington Schwartz,	*Tamaqua*,	7 McK.
Harry Omar Scott,	*Confluence*,	15 E.
John Cresswell Shumaker,	*Chambersburg*,	14 P.
Benjamin Silver,	*Glenville, Md.*,	4 McK.
John Tinney Skeen,†	*Port Deposit, Md.*,	200 McCartney St.
Clinton Creveling Snyder,	*Espy*,	43 N. 4th St.
George Washington Terbush,	*Poughkeepsie, N. Y.*,	45 Sitgreaves St.
James Todd, Jr.	*Indiana*,	27 McK.
William Garvin Trunkey,	*Franklin*,	10 P.
Frank Newcomb Turner,	*Port Carbon*,	203 McCartney St.
Jacob Peter Uhler,	*Stockertown*,	453 Northampton St.

JUNIORS—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Richard Marshall Van Horn,	*Hackettstown, N. J.*,	4 McK.
Lewis Rhoads Walters,	*Phœnixville*,	13 M.
Artemus Crawford Ward,	*Le Roy, N. Y.*,	45 S.
George Miles Wells,	*Easton*,	11 McK.
Martin Jacob Youngblood,	*Hackettstown, N. J.*,	243 Bushkill St.

JUNIORS.....80.

SOPHOMORES.

NAMES.	RESIDENCES.	ROOMS.
James Arnold Aiman,	*Flourtown*,	210 McCartney St.
William Mott Allison,	*Mifflintown*,	33 S.
Edward Damon Allen,	*Franklin*,	24 E.
Horace Beemer Ayres,	*Allamuchy, N. J.*,	7 E.
Hervey Winthrop Beymer,	*Pittsburgh*,	221 Northampton St.
Walter James Bradshaw,	*Indianapolis, Ind.*,	136 N. 2d St.
Andrew Scott Brown,	*Erie*,	5 McK.
John Thompson Cathers,†	*Reynoldsville*,	16 B.
John Charles Churchill, Jr.,	*Oswego, N. Y.*,	5 E.
William Gates Coffin,	*Deposit, N. Y.*,	14 E.
William Alexander Cox, Jr.,	*Shippensburg*,	323 Spring Garden St.
John Davidson Dorris,	*Huntingdon*,	17 McK.
John Jacoby Dungan,	*Flourtown*,	24 E.
Joseph Edward Durham,	*Dewart*,	8 P.
John Robert Eaton, †	*Archbald*,	49 S.
Alexander Elliott, Jr.,	*Dover, N. J.*,	6 McK.
John Kennedy Ewing, Jr., †	*Uniontown*,	25 McK.
Wallace Henderson Falls,	*New Castle*,	221 Northampton St.
Charles Forney,	*Lebanon*,	5 E.
Edward Fox,	*Easton*,	107 S 6th St.
Joel Scobey Gilfillan,	*Parkesburg*,	15 E.
James Johnson Grant,	*Navarre, Ohio*,	33 S.
Charles Cooper Griffith,	*Brady*,	18 E.
Jacob Koch Griffith,	*Pittston*,	46 S.

SOPHOMORES—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Robert Hugh Hamill,	*Boalsburg*,	12 E.
Naudain Hamilton,	*Harrisburg*,	300 Bushkill St.
Edgar Hart, †	*Pennington, N. J.*,	232 Bushkill St.
Samuel S. Hartranft,	*Harrisburg*,	11 Centre Square.
Charles Heebner,	*Port Carbon*,	8 P.
John Herron, Jr.,	*Dehra, India*,	58 S.
Charles Merrill Hileman,	*Pittston*,	202 Cattell St.
Lewis Ahrens Hoffman,	*Reading*,	51 S.
James Renwick Hogg,	*Philadelphia*,	337 Bushkill St.
Edward Everett Hoyt,	*Kingston*,	20 S.
James D. Hunter,	*Savannah, Ohio*,	18 B.
Charles Collingwood Jennings, Jr.,	*Easton*,	39 South 2d St.
Thomas Glover Johns,	*St. Charles, Mo.*,	——
Robert Stuart Johnston,	*Blairsville*,	4 E.
Jacob Miley Jones,	*Harrisburg*,	17 E.
Richard Armstrong Kennedy, †	*Tarentum*,	123 North 3d St.
William Scott Kerr,	*Saltsburg*,	122 McCartney St.
Frank Delmar Kinnear,	*Franklin*,	10 P.
Harry Knecht,	*Easton*,	25 South 5th St.
Edward Arthur McLaury,	*Monticello, N. Y.*,	18 B.
James Cameron Mackenzie,	*Wilkes-Barre*,	3 McK.
George B. Markle, Jr.,	*Philadelphia*,	15 B.
Charles Dinsmore Marvin,	*Erie*,	5 McK.
William Newton Mateer,	*Shippensburg*,	337 Bushkill St.
Joshua Lewis Miner,	*Wilkes-Barre*,	3 McK.
Charles Newton,	*Nicholson*,	12 S.
Charles Thomas Officer,	*Council Bluffs, Ia.*,	216 McCartney St.
Cyrus Simpson Pershing,	*Pittsburg*,	60 S.
Howard Terry Pershing,	*Pottsville*,	60 S.
George Washington Phillips,	*Hyde Park*,	12 S.
Samuel Wilberforce Powel,	*Port Kennedy*,	50 S.
James Ramsay, †	*Delaware Station, N. J.*,	1 P.
Alexander Burton Randall,	*Annapolis, Md.*,	1 McK.
Charles Michler Ray,	*Washington, D. C.*,	12 M.
Charles Bement Riggs,	*Elmira, N. Y.*,	2 McK.
George Redsecker Ross,	*Lebanon*,	18 E.
George Washington Sandt,	*Easton*,	302 Cattell St.
Horace Daniel Sassaman,	*Erwinna*,	36 South 4th St.

SOPHOMORES—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Areh Tanner Seofield,	*Warren*,	8 M.
James Harvey Scott,	*Elizabeth*,	122 McCartney St.
Joshua Rogers Serfass,	*Easton*,	453 Northampton St.
Edward Richard Shaw,	*Bellport, L. I.*,	——
William Lesley Sheafer,	*Pottsville*,	59 S.
George Vernon Sheffield,	*Newburg, N. Y.*,	21 S.
John Franklin Sheppard,	*Bridgeton, N. J.*,	210 McCartney St.
John Maxwell Sherrerd,	*Belvidere, N. J.*,	23 E.
Porter Wilson Shimer, †	*Easton*,	137 McCartney St.
Harry Addis Smith,	*Richboro*,	120 McCartney St.
Henry Snyder,	*Easton*,	44 South 7th St.
Samuel Alexander Soxman,	*Congruity*,	47 McCartney St.
Alexander Ramsey Speel,	*St. Paul, Minn.*,	300 Bushkill St.
John Stengelin, Jr.,	*Easton*,	125 South 3d St.
Russell Chidsey Stewart,	*Easton*,	123 N. 2d St.
George Washington Stout, Jr.,	*Easton*,	159 Ferry St.
William Broadwell Sullivan,	*Dayton, Ohio*,	337 Bushkill St.
John Charles Temple, †	*Dayton, Ohio*,	16 E.
Marcus Calvin Turner,	*Batavia, N. Y.*,	120 McCartney St.
Francis Eugene Wade,	*Hackettstown, N. J.*,	44 S.
Edwin Teel Walker,	*Strasburg*,	19 S.
Barge Christopher Weidman,	*Lebanon*,	206 Spring Garden St.
Bard Wells,	*Pottsville*,	11 McK.
William Dana Wheeler,	*Oswego, N. Y.*,	202 Bushkill St.
John Fremont Williamson,	*Sidney, N. J.*,	18 B.
George Franklin Pieree Young,	*Kleeknersville*,	56 S.
Thomas Oscar Young,	*Kleeknersville*,	56 S.

SOPHOMORES.....89.

FRESHMEN.

NAMES.	RESIDENCES.	ROOMS.
Charles Arthur Allison,	*Mifflintown*,	33 S.
Elliott Chidsey Armstrong,	*Philadelphia*,	19 E.
William Whitney Ballard, †	*Springfield, Ohio*,	202 Cattell St.
James Woodbridge Barnes,	*Perth Amboy, N. J.*,	30 S.
Jacob Edgar Belville,	*Pottsville*,	57 S.
Theodore Kleinhans Bennett,	*Phillipsburg, N. J.*,	——
Edmund L. Bixler,	*Easton*,	335 Ferry St.
Edward Francis Blewitt,	*Scranton*,	15 S.
Edmund Swalm Boyer,	*Pottsville*,	57 S.
Charles Gibson Brown,	*Huntingdon*,	10 McK.
Augustus James Burgner,	*Delaware City, Del.*,	49 McCartney St.
Frederick Gillett Byles,	*Fredonia*,	4 E.
Reed Caughey,	*Easton*,	122 McCartney St.
Henry Stewart Cavanaugh,	*Easton*,	161 South 3d St.
Swellon Fowler Channell, †	*Canton*,	59 S.
George William Pennell Coates,	*Baltimore, Md.*,	231 Cattell St.
Charles Anderson Craighead,	*Dayton, Ohio*,	14 P.
Charles Markley Crawford,	*New Castle*,	221 Northampton St.
Thomas Morris Defrees,	*Washington, D. C.*,	22 N.
Martin Luther Deitzler,	*Reading*,	30 S.
Augustus Theodore Dobson,	*Chester*,	15 E.
Ezra Chalmers Doty,	*Mifflintown*,	21 McK.
Isaac Eckert,	*Reading*,	23 E.
Isaac Gerhart Eckert,	*Reading*,	16 E.
Horace Jay Evans,	*Council Bluffs, Iowa*,	331 High St.
John Creigh Evans,	*Port Deposit, Md.*,	200 McCartney St.
Leonard Bertner Eyster,	*Chambersburg*,	16 S.
William Fackenthal,	*Easton*,	21 E.
Charles Hunt Fell,	*Wilkes-Barre*,	136 North 2d St.
John William Flad,	*Easton*,	647 Northampton St.
Robert Foresman,	*Johnsonsburg, N. J.*,	56 S.
Thomas Chalmers Fulton,	*Catasauqua*,	——
Edward Coleman Freeman, †	*Cornwall*,	6 E.
John Oscar Glase,	*Oley*,	10 E.
Herbert Thomas Gould,	*South Easton*,	Canal St. S. E.
Lewis Grant,	*Shenandoah*,	210 McCartney St.
George Milton Harleman,	*Weatherly*,	19 B.

FRESHMEN—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
Francis Heck,	*Paxinos*,	21 E.
Daniel Coyle Herr,	*Harrisburg*,	300 Bushkill St.
Frank Hinkle,	*Columbia*,	219 N. 3d St.
Stewart Maurice Hohl,	*Easton*,	331 Ferry St.
Hiram Bacon Howland,	*Indianapolis, Ind.*,	341 N'thampton St.
Oscar Jarecki,	*Erie*,	328 Ferry St.
William John Jones,	*Slatington*,	32 N. 3d St.
John Bradley Kitchen,	*Indianapolis, Ind.*,	214 Bushkill St.
George Reed Lawrence,	*Monongahela City*,	59 S.
James Major McCarty,	*Reading*,	24 E.
Herman Keller McCauley,	*Altoona*,	20 E.
George Davidson McDowell,	*Chambersburg*,	26 N. 3d St.
John George McGowan,	*Reading*,	——
William Henry McIlhany,	*Martin's Creek*,	——
Robert MacDonald,	*Barton, Md.*,	25 McK.
William Hollingsworth Mackall,	*Elkton, Md.*,	231 Cattell St.
Jacob Truman Martin,	*Allentown*,	231 Cattell St.
Edward Patterson Micke, †	*Easton*,	205 Northampton St.
Elwood Andrew Miller,	*Huntingdon*,	17 McK.
Henry Millholland,	*Reading*,	24 E.
Louis Herman Millikan,	*Washington C.H., O.*,	202 Cattell St.
Frank Pardee,	*Hazleton*,	12 P.
Robert Pollock Parker,	*Oil City*,	202 Bushkill St.
Winfield Lattin Parsons,	*Wilkes-Barre*,	210 McCartney St.
John Douglass Perkins,	*Coatesville*,	31 S.
George Wehn Plack,	*Altoona*,	20 E.
William Plumer Potter,	*Winterset, Iowa*,	——
Frank Scott Pusey,	*Council Bluffs, Iowa*,	224 Cattell St.
James Mitchell Reese,	*Phillipsburg, N. J.*,	——
Alexander Hibberd Roberts,	*Harrisburg*,	17 E.
William Seeger Roland,	*New Holland*,	3 E.
William Robinson Ross,	*Lebanon*,	18 E.
Samuel Carson Rowland,	*Port Deposit, Md.*,	228 Cattell St.
Frederic Gustavus Sage, †	*Easton*,	5 Lane's Court.
Milton Edward Schadt,	*Ruchsville*,	13 E.
Irwin William Schultz,	*Phillipsburg, N.J.*,	20 E.
Herbert Mendelssohn Seem,	*Martin's Creek*,	13 E.
Norcom Livingston Seguin,	*New Orleans, La.*,	11 E.
Harvey Shaw,	*Phillipsburg*,	21 N.

FRESHMEN—CONTINUED.

NAMES.	RESIDENCES.	ROOMS.
James Logan Shiland,	*Southampton, N. Y.,*	50 S.
Elijah McDowell Shoemaker,	*Wilkes-Barre,*	16 S.
Benjamin Hoopman Silver,	*Glenville, Md.,*	56 S.
William Irwin Steans,	*Mifflinburg,*	21 S.
William Black Steel,	*Port Deposit, Md.,*	228 Cattell St.
Thomas Louis Stoneroad,	*Dunbar,*	16 B.
Frank Jacob Stotzer,	*Easton,*	15 S. 6th St.
Benjamin Strauss,	*Titusville,*	19 McK.
Scott Truxtun,	*Philadelphia,*	43 N. 4th St.
John Constant Walker,	*Indianapolis, Ind.,*	43 N. 4th St.
William Henry Walters,	*Phillipsburg, N. J.,*	20 E.
Albert Silas Warner,	*Batavia, N. Y.,*	225 Cattell St.
Irvin David Wiltrout,	*Schuylkill Haven,*	——
Hidétaké Taro Yegawa,	*Japan,*	232 Bushkill St.

FRESHMEN.....90.

SUMMARY.

RESIDENT GRADUATES		6
UNDERGRADUATES,	Seniors	70
	Juniors	80
	Sophomores	89
	Freshmen	90
Total,		335

NEW YORK	18	INDIANA	5
NEW JERSEY	37	IOWA	5
PENNSYLVANIA	226	LOUISIANA	1
DELAWARE	2	MISSOURI	1
MARYLAND	14	MICHIGAN	1
DISTRICT OF COLUMBIA	3	MINNESOTA	1
VIRGINIA	1	BRAZIL	1
OHIO	13	JAPAN	1
WEST VIRGINIA	2	INDIA	1
SOUTH CAROLINA	2		

COURSES OF STUDY.

CLASSICAL DEPARTMENT.

The CLASSICAL COURSE is similar to the Undergraduate Course of our best Colleges; it will continue to afford the amplest opportunities for the study of the Ancient Languages. It is the earnest endeavor of the Board to give it greater efficiency year by year. They regard it not only as the regular introduction to the special professional study of Theology, Medicine, Law, and Teaching, but also as a thoroughly tried means of securing the culture and elevation of mind and of imparting the useful and liberal learning which becomes a Christian scholar.

PARDEE SCIENTIFIC DEPARTMENT.

This department was organized by the Trustees of the College in 1866, to carry into effect the conditions of a donation from A. PARDEE, Esq., of Hazleton, Pennsylvania. In July, 1867, in response to the growing wants of the Department, the original donation was increased to $200,000, on condition that other friends of the College should add the same sum to its general endowment. The donations for that purpose, completing nearly half a million of dollars lately added to the College funds, were made before January 1, 1869.

In 1871 Mr. PARDEE made another donation of $200,000, for the erection of a building designed for the use of the Scientific Department.

In 1872 this donation was increased to $250,000, and on the 21st of October, 1873, the building, with its scientific equipment, was formally handed over to the Trustees, in the presence of His Excellency, Governor Hartranft; the State Superintendent of Education, Hon. J. P. Wickersham, LL.D.; the Synod of Philadelphia, and a great assemblage.* It consists of a centre building five stories in height, fifty-three feet front and eighty-six deep, and a lateral wing on each side of the centre building, measuring sixty-one feet in length and thirty-one in width, four stories in height, including a mansard roof, the whole terminating in two cross wings forty-two feet front and eighty-four feet deep, and four stories in height. The entire length of front, in a straight line, is two hundred and fifty-six feet. The material is the Trenton brown stone, with trimmings of light Ohio sand-stone. It is heated throughout by steam and lighted by gas. In determining what rooms were needed and the best arrangement of them, similar buildings in Europe, as well as in this country, were carefully studied, and liberal provision has been made in all the departments of instruction

* The address delivered at the dedication by Professor Raymond, with a report of other speeches delivered during the day, and a general account of the proceedings, may be had on application to any member of the Faculty.

for every aid which has been devised for the most thorough and attractive teaching, and also for the prosecution of original researches.

The Board intend that the whole Scientific Department shall be impressed with the Christian character of the College. In addition to the systematic and thorough study of the Word of God in all the classes, special attention will be given to the harmony of Science with Revealed Religion.

The Scientific Department of the College now includes,

I. A GENERAL SCIENTIFIC COURSE.

This is designed for those who wish to study the Natural Sciences, Mathematics, Modern Languages and Literature, History, Rhetoric, Logic, and Mental and Moral Philosophy, as thoroughly as they are studied in our best Colleges, and who would be glad to enjoy the cultivation and learned habits and associations of College life, but who will not study Greek and Latin.

The Trustees of the College are deeply impressed with the thought that our present collegiate system has grown up under the fostering care of the Church, and that the relations of our old collegiate studies to manly culture and religious training have been studied by generations of Christian educators. They have therefore taken care that the new course shall not be removed from the old landmarks, and that, as far as possible, the old approved methods of instruction shall be used in all the departments of study. It will be found that the new course includes all the studies of the old, except the Ancient Languages, and it is believed that the method of teaching English and other Modern Classics, which has been for some years in use in the College, has been so adapted to the studies of the new course as to give, in a good degree, the same kind of discipline that is derived from the study of Greek and Latin.

II. TECHNICAL COURSES.

Still further demands have been made on this Institution on account of its peculiar relations to the *industrial resources* of our country. Lafayette College is in the midst of the great mining and manufacturing region of the Middle States. Every process used in the *mining* and *working* of the various ores of IRON, and in the manufacture of iron into the thousand forms in which it is used, is going on almost within sight. Near by are the COAL MINES which supply the markets of Philadelphia and New York. Mineral wealth abounds on all sides The expert is continually called on to examine new tracts of land, to analyze new ores, and to devise new ways of working and handling them. Here every resource of ENGINEERING is displayed in the works connected with the preparation and transport of LUMBER, and the carrying of RAILROADS and CANALS through the mountains and over the rivers. Those who wish to prepare themselves to be working engineers in any of these departments, come from all parts of the country to observe

and study these works, and it is most desirable that adequate means should be provided for the prosecution of scientific studies in the midst of them.

In addition, therefore, to the GENERAL SCIENTIFIC COURSE, which is designed to lay a substantial basis of knowledge and scholarly culture, courses of four years each have been arranged for those who may wish to devote themselves to studies essentially practical and technical.

I. ENGINEERING, CIVIL, TOPOGRAPHICAL AND MECHANICAL.—This course is designed to give professional preparation for the location, construction, and superintendence of Railways, Canals and other public works; Chemical works and Pneumatic works; the design and construction of Bridges; the trigonometrical and topographical survey of States, Counties, etc.; the survey of Rivers, Lakes, Harbors, etc., and the direction of their improvement; the design, construction, and use of Steam Engines and other Motors, and of machines in general; and the construction of geometrical, topographical and machine drawings.

II. MINING ENGINEERING AND METALLURGY.—This course offers the means of special preparation for exploring undeveloped mineral resources, and for taking charge of mining or metallurgical works. It includes instruction in Engineering as connected with the survey, exploitation, and construction of mines; with the construction and adjustment of furnaces and machines; and with machine drawings; also instruction in Chemistry and Assaying, as applied to the manipulation of minerals. In addition to the general course, provision is made for advanced students who wish to give special attention to any branch of the subject, or to prepare themselves for the charge of particular mines.

III. CHEMISTRY.—This course includes text book study, lectures, and laboratory practice, every facility for which is found in the Laboratories of PARDEE HALL. Particular attention is given to the Chemistry of Agriculture, Medicine, Metallurgy, and the Manufacturing processes. Provision is made for advanced students who may wish to make original researches, or to fit themselves to take charge of mines or manufactories, or to explore and work up the mineral resources of our own and other countries.

POST GRADUATE DEPARTMENT.

Resident Graduates, and others having suitable preparation, may pursue special studies in any branch, either of the Classical or the Scientific Department, under the direction and instruction of the Professor in that branch, and have the use of the Laboratories, Apparatus, Collections, Libraries, &c., while prosecuting original researches. These studies and researches will not be confined to any fixed Course. Particular information may be obtained by addressing the President.

LAW DEPARTMENT.

The Law Department was organized by the Trustees of the College in 1874, and was formally opened for students Oct. 6, 1875. The course of instruction extends through two years, and is designed to furnish a thorough preparation for the practice of the legal profession. (See pp. 47–48.)

TERMS OF ADMISSION.

FRESHMAN CLASS.

Classical Course.—Candidates for admission to the Freshman Class for the Classical Course are examined in Geography, Ancient and Modern: Arithmetic, including the metric system; Algebra, through simple equations; Geometry, two books of Loomis's; English, Latin, and Greek Grammar, including Prosody: Cæsar's Commentaries (four books), or Sallust; Virgil (the Bucolics, and six books of the Æaeid); Cicero, seven orations; Harkness's Latin Prose Composition (Part I); Xenophon's Anabasis; the Gospels in the Greek Testament; Jones's Greek Prose Composition (12 Lessons); or other authors fully equivalent in quantity to the above.

General Scientific Course.—Candidates for admission to the Freshman Class for the Scientific Course are examined in Geography; Arithmetic, including the metric system; Algebra, through Quadratic Equations: Plane Geometry, two books; the elementary principles of Natural Philosophy; English Grammar: the outlines of History, and the general contents of the Bible. Those who elect the study of Latin are examined in the Latin required for admission to the Classical Course.

Technical Courses.—1. *Engineering, Civil, Topographical and Mechanical.*
2. *Mining Engineering and Metallurgy.*
3. *Chemistry.*

Candidates for admission to the Freshman Class for these Courses are examined in Geography: Arithmetic, including the metric system; Algebra, through Quadratic Equations; Plane Geometry, entire; the elementary principles of Natural Philosophy; English Grammar; the outlines of History, and the general contents of the Bible.

Advanced Standing.—Candidates for advanced standing are examined in the preparatory studies, and also in the studies gone over by the class which they propose to enter. No student will be admitted to the Senior Class after the beginning of the second term.

Special Studies.—Applicants for instruction in a special study are examined on such subjects connected with the study as have been gone over by the class which they propose to enter. For the WORKING SECTIONS, see pages 31 and 32.

Testimonials.—Testimonials of good moral character are in all cases required; and those coming from other Colleges must produce certificates of dismission in good standing. All those who enter on scholarships must produce certificates for the same, and have their entrance endorsed thereon.

Matriculation.—No student is considered a regular member of College until he has been matriculated, after a probation of thirty days, during which time, however, he is subject to the laws of the College.

COURSES OF STUDY.

CLASSICAL DEPARTMENT.

FRESHMAN YEAR.

FIRST TERM.

Tertullian. } Elective.
Livy. }
Latin Composition.
Eusebius. } Elective.
Xenophon, Memorabilia. }
Classical Geography.

Algebra, Loomis's, (continued.)
English Composition.
Lectures on Health.
Old Testament, in English.
Coleman's Biblical Geography.

SECOND TERM.

Cyprian. } Elective.
Livy. }
Latin Composition.
Eusebius. } Elective.
Herodotus. }

Greek Antiquities.
Geometry, Loomis's, (continued.)
English Composition.
Old Testament, in English.
Coleman's Biblical Geography.

THIRD TERM.

Bible in Latin. } Elective.
Horace. }
Roman Antiquities.
Greek Testament—Mark.
Greek Composition, Boise's.

Algebra, (completed.)
Solid Geometry.
English Composition.
New Testament, in English.
Coleman's Biblical Geography.

Throughout the Year.—Declamations, and written Translations into English from Greek and Latin.

SOPHOMORE YEAR.

FIRST TERM.

Latin Hymns. } Elective.
Horace. }
Justin Martyr. } Elective.
Homer, Iliad. }
Greek Composition.

Trigonometry, Plane and Spherical.
Mensuration, Loomis's.
Study of Words, Trench.
Greek Testament—Acts.

SECOND TERM.

Augustine. } Elective.
Cicero, de Oratore. }
Athenagoras. } Elective.
Homer, Iliad. }

Archæology of Greek Literature and Art.
Conic Sections, Coffin's.
Rhetoric.
Greek Testament—Acts.

THIRD TERM.

Greek Hymns. } Elective.
Plato. }
French.
Archæology of Roman Literature and Art.

Analytical Geometry.
Differential and Integral Calculus.
Navigation and Surveying, Loomis's.
Greek Testament—Acts.

Throughout the Year.—Declamations and Themes.

JUNIOR YEAR.

FIRST TERM.

Theoretical Mechanics.
Thucydides.
Josephus. } Elective.

Chrysostom.
Demosthenes. } Elective.

Cicero, Tusculan Disputations.
Lactantius. } Elective.

Descriptive Mechanics.
German.
Greek Testament—Romans.

SECOND TERM.

Tacitus.
Orosius. } Elective.

Anglo-Saxon, March's Grammar and Reader.
English, Milton.

Fowler's English Language.
Physics, (begun.)
Constitution of the United States.
Political Philosophy.
Greek Testament—Romans.

THIRD TERM.

Physics, (completed.)
Chemistry, with Laboratory practice.
Greek Tragedies.
Septuagint. } Elective.

Anglo-Saxon, (continued.)
English, Shakespeare.
Fowler's English Language.
Greek Testament—Romans.

Throughout the Year—Declamations, Themes, and written Debates.

SENIOR YEAR.

FIRST TERM.

Mental Philosophy, (begun.)
Astronomy, (begun.)
Botany. Zoölogy.
Anatomy and Physiology.

Juvenal and Persius.
Boethius. } Elective.

English Literature.
Rule of Faith.

SECOND TERM.

Mental Philosophy, (completed.)
Political Economy.
Rhetoric. Logic.
Moral Philosophy.
Geology, (begun.)
Mineralogy.

Greek. Modern Languages.
Blackstone.
Chemistry.
Astronomy, (completed.)
Hebrew, Green's Grammar. } Elective.

Evidences of Christianity.

THIRD TERM.

Greek Harmony of the Gospels.
Archæology of Literature.
Philosophy of Mathematics. } Elective.
Comparative Philology.
Geology, (completed.)
Architecture.

History.
French. German.
Chemistry.
Blackstone.
Hebrew, Chrestomathy. } Elective.

Butler's Analogy.

Throughout the Year—Themes and Extemporaneous Speaking.

PARDEE SCIENTIFIC DEPARTMENT.

GENERAL SCIENTIFIC COURSE.

FRESHMAN YEAR.

FIRST TERM.

Algebra, Loomis's, (continued.)
Stereotomy, Elementary Drawing.
French or Latin.
English, March's Method.
English Composition.
Chemistry, with Laboratory Practice.
Lectures on Health.
Old Testament.
Coleman's Biblical Geography.

SECOND TERM.

Geometry, Loomis's, (continued.)
Drawing, Plane Problems.
French. German. } Elective.
Latin. }
Chemistry, with Laboratory Practice.
English Composition.
Old Testament.
Coleman's Biblical Geography.

THIRD TERM.

Algebra, (completed.)
Solid Geometry.
Geometrical Drawing.
Modern Languages or Latin.
Mineralogy.
English Composition.
New Testament.
Coleman's Biblical Geography.

Throughout the Year.—Declamations, and written Translations into English from French and German, or Latin.

SOPHOMORE YEAR.

FIRST TERM.

Trigonometry, Plane and Spherical.
Mensuration, Loomis's.
Geometrical Drawing.
French. German. } Elective.
Latin. }
Study of Words, Trench.
English, Bunyan.
Chemistry, (optional.)
Acts of the Apostles.

SECOND TERM.

Conic Sections, Coffin's.
Topographical Drawing, (optional.)
German or Latin.
Botany. Zoölogy.
Rhetoric.
English, Spenser.
Chemistry, (optional.)
Acts of the Apostles.

THIRD TERM.

Analytical Geometry.
Differential and Integral Calculus.
Navigation and Surveying, Loomis's.
Botany. Zoölogy.
English, Chaucer.
French. German.
Chemistry, (optional.)
Acts of the Apostles.

Throughout the Year.—Declamations and Themes.

JUNIOR YEAR.

FIRST TERM.

Mechanics.
French or German.
English, Bacon. } Elective.
Chemistry. }
Zoölogy.
Botany.
New Testament Epistles.

SECOND TERM.

Physics, (begun.)
Zoölogy.
Botany.
Anglo-Saxon, March's Grammar and Reader.
English, Milton.
Constitution of the United States.
Political Philosophy.
New Testament Epistles.

THIRD TERM.

Physics, (completed.)
German or Latin.
Anglo-Saxon, (continued.)
English, Shakespeare.
French.
German.
New Testament Epistles.

Throughout the Year—Declamations, Themes, and written Debates.

SENIOR YEAR.

FIRST TERM.

Mental Philosophy, (begun.)
Astronomy, (begun.)
English Literature.
Modern Languages or Latin.
Modern Literature.
Anatomy and Physiology.
Rule of Faith.

SECOND TERM.

Mental Philosophy, (completed.)
Political Economy.
Rhetoric. Logic.
Moral Philosophy.
Geology. Mineralogy.
Modern Languages. } Elective.
Astronomy, (completed.) }
Chemistry. Blackstone. }
Evidences of Christianity.

THIRD TERM.

Geology.
Philosophy of Mathematics. } Elective.
Archæology of Literature. }
History.
Architecture.
Comparative Philology.
Chemistry. Blackstone. } Elective.
Modern Languages. }
Butler's Analogy.

Throughout the Year.—Themes and Extemporaneous Speaking.

TECHNICAL COURSES.

CIVIL ENGINEERING COURSE.

FRESHMAN YEAR.

FIRST TERM.

Algebra, (completed.)
Stereotomy, Elementary Drawing.
Chemistry, with Laboratory Practice.
English.
French.
Lectures on Health.
Coleman's Biblical Geography.
Old Testament, in English.

SECOND TERM.

Geometry, (completed.)
Surveying, Loomis's.
Problems in Division of Land.
Drawing, Plane Problems.
Chemistry.
German. French.
Coleman's Biblical Geography.
Old Testament.

THIRD TERM.

Trigonometry and Mensuration.
Surveying, Field Work.
Geometrical Drawing.
Analytical Chemistry.
French.
German.
Coleman's Biblical Geography.
New Testament.

Throughout the Year —Declamations and Themes.

SOPHOMORE YEAR.

FIRST TERM.

Analytical Geometry, (begun.)
Surveying, Field Work.
Geometrical Drawing.
Mineralogy.
French. German.
English. Trench on Words.
Acts of the Apostles.

SECOND TERM.

Analytical Geometry, (completed.)
Topographical Drawing.
Botany. Zoölogy.
Chemistry, (optional.)
Mineralogy.
French. German.
Acts of the Apostles.

THIRD TERM.

Differential and Integral Calculus.
Descriptive Geometry.
Botany. Zoölogy.
Determinative Mineralogy.
French. German.
Acts of the Apostles.

Throughout the Year.—Declamations and Themes.

JUNIOR YEAR.

FIRST TERM.

Mechanics.
Descriptive Geometry, (General Orthographic Projections.)
Surveying, Field Work, Adjustment of Instruments.
Practice with the Blowpipe.
Lithology.
Modern Languages.
New Testament Epistles.

SECOND TERM.

Physics, (begun.)
Calculus, (continued.)
Shades and Shadows.
Colored Topography.
Hydrographical Surveying.
Geodesy.
Geology.
New Testament Epistles.

THIRD TERM.

Physics, (completed)
Analytical and Applied Mechanics.
Linear Perspective.
Topographical Surveying.
Map of Topographical Survey.
Geology.
New Testament Epistles.

Throughout the Year—Declamations, Themes and written Debates.

SENIOR YEAR.

FIRST TERM.

Road Engineering — Surveys and Estimates.
Plans, Profiles and Sections of Road Surveys.
Astronomy.
General Theory of Machines.
Machine Drawing.
Anatomy and Physiology.
Rule of Faith.

SECOND TERM.

Machinery and Motors.
Stone Cutting.
Stability of Structures.
Supply and Distribution of Water.
Strength of Materials.
Political Economy.
Astronomy.
Evidences of Christianity.

THIRD TERM.

Foundations. Retaining Walls.
River and Canal Improvements.
Designs for, and Reviews of Engineering Works.
Bridge Drawing.
Bridge and Roof Construction.
History.
Butler's Analogy.
Graduation Theses.

Throughout the Year.—Themes and Speaking.

MINING ENGINEERING AND METALLURGY.

The FRESHMAN and SOPHOMORE years are essentially the same in this as in the CIVIL ENGINEERING Course.

JUNIOR YEAR.

FIRST TERM.

Mechanics.
Lithology.
Mine Surveying.
Analytical Chemistry.
Practice with the Blow-pipe.
German. French.
New Testament Epistles.

SECOND TERM.

Physics.
Colored Topography.
Practice in Lithology.
Analytical Chemistry.
Assaying.
Maps of Surveys.
Geology.
New Testament Epistles.

THIRD TERM.

Analytical and Applied Mechanics.
Topographical Surveying.
Analytical Chemistry.
Geology.
Map of Topographical Survey.
New Testament Epistles.

Throughout the Year—Declamations, Themes and written Debates.

SENIOR YEAR.

FIRST TERM.

Mining.
Metallurgy.
Analytical Chemistry.
General Theory of Machines.
Machine Drawing.
Rule of Faith.

SECOND TERM.

Mining.
Metallurgy.
Analytical Chemistry.
Machinery and Motors.
Supply and Distribution of Water.
Political Economy.
Evidences of Christianity.

THIRD TERM.

Metallurgy.	Ore Deposits.
Analytical Chemistry.	History.
Designs for, and Reviews of Special Metallurgical and Mining Operations.	Butler's Analogy. Graduation Theses.

Throughout the Year.—Themes and Speaking.

CHEMICAL COURSE.

FRESHMAN YEAR.

FIRST TERM.

Chemistry, with Laboratory Practice.	English. French.
Algebra, (completed.)	Coleman's Biblical Geography.
Stereotomy, Elementary Drawing.	Old Testament in English.

SECOND TERM.

Chemistry, with Laboratory Practice.	German and French.
Geometry, (completed.)	Coleman's Biblical Geography.
Drawing. Plane Problems.	Old Testament.

THIRD TERM.

Analytical Chemistry.	German and French.
Trigonometry and Mensuration.	Coleman's Biblical Geography.
Geometrical Drawing.	New Testament.

Throughout the Year—Declamations and Themes.

SOPHOMORE YEAR.

FIRST TERM.

Analytical Chemistry.	German and French.
Geometrical Drawing.	English. Trench on Words.
Mineralogy.	Acts of the Apostles.

SECOND TERM.

Analytical Chemistry.	German.
Botany and Zoölogy.	French.
Mineralogy.	Acts of the Apostles.

THIRD TERM.

Analytical Chemistry.	Botany.
Determinative Mineralogy.	Zoölogy.
French and German.	Acts of the Apostles.

Throughout the Year—Declamations and Themes.

JUNIOR YEAR.

FIRST TERM.

Analytical Chemistry.
Lithology.
Practice with the Blow-Pipe.
German.
French.
New Testament Epistles.

SECOND TERM.

Analytical Chemistry.
Practice in Lithology.
Geology.
Assaying.
Physics.
New Testament Epistles.

THIRD TERM.

Analytical Chemistry.
Physics.
Geology.
New Testament Epistles.

Throughout the Year—Declamations, Themes and written Debates.

Text books in Chemistry in the German language are used during the year.

SENIOR YEAR.

FIRST TERM.

Analytical Chemistry.
Chemical Technology.
Metallurgy.
Physiological Chemistry.
Toxicology.
Rule of Faith.

SECOND TERM.

Analytical Chemistry.
Chemical Technology.
Metallurgy.
Political Economy.
Agricultural Chemistry.
Evidences of Christianity.

THIRD TERM.

Analytical Chemistry.
Gas Analysis.
Metallurgy.
Chemical Technology.
History.
Graduation Theses.
Butler's Analogy.

Throughout the Year.—Themes and Speaking.

Text books in Chemistry in the German language are used.

WORKING SECTIONS.

Certain portions of the Technical Courses may be taken by persons who wish to devote their whole attention, for a short time, to thorough preparation for professional employment in the following branches of Engineering, Mining, and Chemistry.

Any one who has completed the work of either of these Sections, may obtain from the Faculty a Certificate to that effect.

GRADUATES of Colleges or of Schools of Science may enter either of the WORKING SECTIONS without Examination.

PRACTICAL ENGINEERS may join the Corps of ROAD ENGINEERS or MINING ENGINEERS without Examination.

Others wishing to join the WORKING SECTIONS in ROAD ENGINEERING and MINING ENGINEERING, must pass an Examination in Arithmetic, Algebra, and Geometry.

They must also pass an Examination in Trigonometry, Surveying, Conic Sections, the Calculus, and Descriptive Geometry; or if they fail to do so on entering, they must study those branches here, in addition to the proper work of the Section.

Those wishing to join the SECTION ON IRON, must pass an Examination in Arithmetic and Geography. They must also pass an Examination in General and Analytical Chemistry, Mineralogy, and Natural Philosophy; or if they fail to do so on entering, they must study those branches here, in addition to the proper work of the Section.

Those who wish to take the WORKING COURSE IN CHEMISTRY, must pass the Examination in Arithmetic, Algebra and the Metric System. They must also pass an Examination in General Chemistry; or if they fail to do so on entering, they must attend a course of lectures on it here, before working in Analytical Chemistry.

I. ROAD ENGINEERING.

The SENIOR CLASS of the Engineering Course is organized as an Engineering Corps, and goes through all the necessary operations for the construction of a Railroad from Easton to some selected terminus.

Preliminary Study of Maps.
Reconnoissance.
Running Preliminary lines.
Maps and Memoirs of same.
Final Location of Road; Grades and Curves.
Final Maps, showing Longitudinal and Cross Sections, Excavations, &c.

The Field Work and Office Work, including Drafting and Calculation, are performed under the direction of the Professor. Each step is accompanied by text-book study and lectures. Examinations are made of Engineering works in the vicinity, and written reports upon them, with drafts, are required. Both theory and practice are thoroughly taught.

The work in this Course began this year with the First Collegiate Term, Thursday, August 31st, 1875.

II. MINING ENGINEERING.

THE SENIOR CLASS of the Engineering Course study and describe certain of the mines near Easton. The work includes—

Access, Roads, Canals.
Exploitation.
Shafts.
Supports.
Tunnels.
Embankments.
Drainings.
Ventilation.

Reports accompanied by plans, calculations, and discussion of the principles involved, are required. Text-book study and lectures precede and accompany this work.

This Course begins this year with the Second Collegiate Term, Thursday, January 6th, 1876.

III. METALLURGY AND MINERALOGY.

COURSE ON IRON.

Physical and chemical properties of Iron.
Alloys of Iron.
Direct Extraction of Malleable Iron from Ores.
Blast Furnaces.
Chemical Reactions in the Blast Furnace.
Blowing Engines, Regulators, Hot Blast.
On the best Form of Blast Furnace and Details in making the same.
Theory and Practice of Fluxes.
Charges and Yields of Blast Furnaces.
Bloomeries and Rolling Mills.
Puddling and Reheating.
Steel. Production of Steel by the addition of Carbon to Malleable Iron.
Production of Steel by partial Decarburization of Cast Iron.
Production of Steel by Fusion of Pig Iron with Malleable Iron.
Casting Steel.
Theses and Reports on Ores.

This course is accompanied by lectures, aided by text-book study, with the view of attaining a scientific mastery of the processes. It occupies two College terms. It is preceded by an introductory course on General Metallurgy, and is followed by a course on Lead, Silver, Gold, and other metals.

The course on Mineralogy is that contained in Dana's Manual of Mineralogy, together with blow-pipe analysis. The students are trained to determine minerals by their physical qualities and by the blow-pipe.

IV. CHEMISTRY.

The Laboratories in Pardee Hall are fitted up with all the modern appliances for the use of Students. The COMMON COURSE is mainly occupied with General Chemistry and Analytical Chemistry, Mineralogy and Metallurgy, and is adapted to working Chemists and Miners who do not wish to study Mining Engineering or other advanced mathematics.

The Professor or his Assistants constantly attend and direct the work, and it is accompanied by recitations and lectures. Advanced Students who may wish to make original researches, or study any branches of Applied Chemistry, may have special provision made for them. Courses of Lectures for beginners are delivered the First Term and the Second Term of the Collegiate year, beginning this year on Thursday, August 31st, 1875, and on Thursday, January 6th, 1876.

SPECIAL REMARKS ON THE COURSE OF STUDIES.

BIBLICAL INSTRUCTION.

The New Testament is used as a text-book for the regular daily recitations in Greek during two terms of the Classical course. The Gospel according to Mark is the study of one term, and a Greek harmony of all the Gospels of a second term. The life and words of Christ are thus made the centre of Biblical study.

On Monday morning, throughout the year, each of the classes has a Biblical exercise. In these the Assembly's Catechism is studied. In the Freshman year, a general view of the contents of the Bible, and of each book, is given, with special attention to Chronology, History, and Geography. The Bible in English, and Coleman's Geography of the Bible, are used as text-books. In the Sophomore year, the Acts of the Apostles are read (in the Classical course, in the original Greek), and special study given to the lives and labors of the Apostles, and to the origin and antiquities of the Christian Church. In the Junior year, the Epistle to the Romans is studied, both as to language and doctrine, with much care and iteration. In the Senior year, a daily recitation, for one term, is devoted to the critical study of the language of the Gospels; both the original Greek, and the English of our standard version. In this year are also studied the Old Testament in the original Hebrew, (an elective study); the history of translations of the Bible, especially the history of the English Bible, its merits and influence; the evidences of Christianity, with Butler's Analogy and the Rule of Faith.

Throughout the course, the language of the English version is constantly examined, and referred to as standard English. In Political Philosophy, reference is made to the Hebrew Commonwealth. The truths taught in the Bible in relation to the character, powers, and duties of man, are inculcated as fundamental in Mental and Moral Philosophy, and the Philosophy of History is identified with the History of Redemption.

It is designed to make the Bible the central object of study in the whole College course.

For the course in Christian Latin and Greek, see page 36.

MENTAL AND MORAL PHILOSOPHY.

Haven's Mental Philosophy and Alexander's Moral Science are used as text-books during the first and the second term of the Senior year; but students are required to work up the topics by self-examination, by the study of the investigations and speculations of the most eminent authors, and by class discussions. Weekly written essays, recording the results of this labor, are prepared by each student.

HISTORY, POLITICAL PHILOSOPHY.

FRESHMAN YEAR.	*First Term.*	History of Rome.
	Second Term.	History of Rome.
JUNIOR YEAR.	*First Term.*	History of Greece.
	Second Term.	Constitution and Constitutional History of the United States.
		The Hebrew Commonwealth; Political Philosophy. (Lectures.)
SENIOR YEAR.	*First Term.*	History of Literature.
	Second Term.	Political Economy. Common Law.
	Third Term.	History. (Lectures.) Common Law.

The *Constitution of the United States* is committed to memory. Story on the Constitution is studied. Weekly discussions and written essays are had, covering the most important points in the History of the formation of the Constitution, of the conventions for its adoption, and of subsequent movements which have been connected with its construction. The organization of the *Hebrew Commonwealth* is examined in the Bible by means of topics and references, and is compared with that of the United States.

Recitations on the Common Law are prepared from American editions of Blackstone twice a week during the second and third terms of the Senior year.

Political Economy is studied by text-book, and weekly discussions and written essays on the most important points.

An outline of *General History*, and an introduction to the *Philosophy of History* are given in a course of Lectures in the Senior year.

RHETORIC AND ELOCUTION.

Besides the study of text-books, weekly written essays are required, and declamations in class or before the College. EXTEMPORANEOUS SPEAKING is also cultivated. In those studies, such as Mental Philosophy, in which the recitation can be had by topics, students are required to take the floor daily and present an outline of the author's thought, with such additions as they choose, in the form of a lecture to the class. Extemporaneous (unwritten) debates are also had in class. The Juniors, during the third term, and the Seniors, deliver unwritten addresses on subjects of their own choice, instead of selected declamations. Great pains are taken to encourage the habit of simple and earnest communication of connected thought.

Professor Barlow gives a comprehensive course of lectures on Elocution to the Freshman Class, which is followed by systematic instruction and training extending through the whole College course. The students of all the classes are carefully prepared by private rehearsals for their weekly speaking.

LANGUAGES.

Latin and Greek.—During the FRESHMAN and SOPHOMORE years, in the Classical Course, one of the daily recitations is given to Latin and one to Greek. The derivation of words is always called for. The writing of Latin and Greek is carefully practised. The reading of classic authors is accompanied with daily lessons in grammar, and it is made the main part of the recitation to apply the grammar just learned to the text which is read. The class is heard in divisions so small that each student shall be sure of daily drill, and the examination at the end of the term includes a thorough testing of the power of the student to repeat and apply that part of the grammar studied during the term. A progressive method is established as follows:

FRESHMAN YEAR.	*First Term.*	General Rules for Syntax. Pronunciation. The English method is used in Latin, the Continental in Greek.
	Second Term.	Etymology of the Verb.
	Third Term.	Etymology, (continued.) Prosody, (Latin.)
SOPHOMORE YEAR.	*First Term.*	Syntax, (begun.)
	Second Term.	Syntax, (modes.) Prosody, (Greek.)
	Third Term.	Historical Etymology.

In the JUNIOR and SENIOR years the reading is also connected with the application of the principles of Comparative Philology to the text, and with

the studies of History, Constitutional Law, Rhetoric, and Mental Philosophy, which the class are pursuing at that time in special text-books. Weekly written essays are prepared on assigned topics, growing out of an attempt to master Thucydides, Demosthenes, Chrysostom, Cicero, Boethius, and Plato, in these relations.

Course of Christian Latin and Greek.—The Trustees have been enabled by the munificence of Mr. Benjamin Douglass to establish a course of study in the Latin and Greek of Christian authors. Text-books and teaching are provided in both languages co-extensive with the other Classical Course, so that a student may devote the usual time to the philological study of Greek and Latin, without using any of the heathen writers as text-books. About $1000 have been expended for the increase of the Library in this department during the past year, and a series of text-books is in course of publication.

In 1874–5, the following prizes were given for proficiency in this course:—In the Junior Class, W. C. Stull, $100; C. C. Henshen, $75; S. A. Besson, $50. In the Sophomore Class, M. J. Eckels, $100; Frank Moore and F. N. Turner, $50. Freshman Class, Charles Heebner, $100; C. B. Riggs, J. E. Durham, H. D. Sassaman, and J. F. Sheppard, $25.

In 1875–6, similar prizes are offered to the Senior, Junior, Sophomore and Freshman Classes.

Harkness' Grammar and Andrews' Lexicon are used for Latin; for Greek, Crosby's Grammar for drill, Hadley's Grammar and Goodwin's Greek Moods and Tenses for reference, and Liddell and Scott's Lexicon. Eschenburg's Manual and Long's Classical Atlas are used as text-books.

English, German, French, &c.—The ENGLISH LANGUAGE is studied in the same way as the Latin and the Greek. An English Classic is taken up. The text is minutely analysed, the idioms explored, and synonyms weighed; the mythology, biography, history, metaphysics, theology, geography, are all looked up. The rhetorical laws of English Composition, and the principles of Epic and Dramatic art, are applied to Milton, Shakespeare, and other English Classics, line by line. The character of the author, and his life and times, are studied, and an attempt is made to comprehend these great representative works in their relations to the English Literature, and the English race.

The text is also made the foundation of more general study of language; the origin and history of recurring words, the laws by which words grow up from their roots in our language, the laws by which changes from one language to another are governed, are stamped on the mind by continual iteration; and an attempt is made to ground all these facts and laws in laws of mind, and of the organs of speech.

The culture in this department is found to be to a considerable extent a substitute, in the Scientific Course, for that derived from the study of Greek and Latin, as it is usually pursued in our colleges.

March's Method of Philological Study of the English Language, Fowler's English Grammar, and the last edition of Webster's unabridged Dictionary, are used in this department.

ANGLO-SAXON, GERMAN and FRENCH are studied in the same way, and all the languages of the course are systematically compared in the light of modern philology, so as to illustrate each other and language in general.

ANGLO-SAXON, ENGLISH, GERMAN and FRENCH are regular studies in both courses; they take the place in the Scientific Course which is given to Latin and Greek in the Classical Course. Special attention is also given in this course to the conversational use of French and German. HEBREW is an elective study in the Classical Course; ITALIAN and SPANISH are optional studies for any student.

All graduates of the College, and any other persons who are prepared for such studies, may pursue the study of Comparative Philology, of the English Language and Literature, or of any other language taught to undergraduates, in a special POST-GRADUATE COURSE.

THE FOWLER PRIZE.—An annual prize of thirty dollars was founded in 1862, by Rev. William C. Fowler, LL.D., of Connecticut, under the following provisions:

"A committee of at least three shall be chosen by the Faculty, to determine which student of the Senior Class has made the greatest proficiency in English Philology.

"The decision of the Committee is to be made after attending an examination in some English classic, conducted by the Professor of English, and after reading essays written by the several members of the class, which shall contain a discussion of the language of some English classic."

The Class of 1874 were examined on Washington Irving. The prize was awarded to John R. Williams. The Class of 1875 were examined on Longfellow. The prize was awarded to James W. Walk. The Class of 1876 will be examined on Tennyson.

THE HARVEY PRIZE.—An English prize of twenty dollars, for the Junior Class, was founded in 1872, by Oscar J. Harvey, A M., of the Class of 1871.

In the Class of 1873 it was awarded to S. G. Barnes, in that of 1874 to J. R. Williams, and in that of 1875 to H. H. Jackson, and in that of 1876 to W. C. Stull.

THE EARLY ENGLISH TEXT SOCIETY'S PRIZE for 1873, offered by the London Society of that name, for the best examination in English before Chaucer, was won by J. R. Williams of 1874, for the best examination in Caedmon; for 1874 by H. H. Jackson of 1875, for the best examination in Alfred's Meters; and for 1875 by W. C. Stull of 1876, for the best examination in the Anglo-Saxon Chronicle.

MATHEMATICS AND ASTRONOMY.

To these branches are devoted about four recitations a week during the whole Classical Course. The subjects studied are as follows:

FRESHMAN YEAR.	*First Term.*	Algebra. (continued.)
	Second Term.	Geometry, (continued.)
	Third Term.	Algebra and Geometry, (completed.)
SOPHOMORE YEAR.	*First Term.*	Trigonometry and Mensuration.
	Second Term.	Conic Sections.
	Third Term.	Navigation. Surveying, Analytical Geometry, Differential and Integral Calculus.
JUNIOR YEAR.	*First Term.*	Mechanics. }
	Second Term.	Physics, (begun.) } See Physics, p. 39.
	Third Term.	Physics, (ended) }
SENIOR YEAR	*First Term.*	Astronomy, (commenced.)
	Second Term.	Astronomy, (completed.)

Students in the Scientific Course study also Descriptive Geometry, Linear Perspective, Shades and Shadows, Drawing in its various branches as used in the mechanic arts, and any student may elect to take an advanced course in Astronomy.

For the studies of the Technical Courses, see pages 26 to 30.

Text-books are used as mentioned on pages 22, 23, but it is made the main effort to teach the *Subjects*. In the earlier part of the course, the method of the text-books is followed, but the student is trained to present topics in new points of view, to start objections to the statements of the text-book or of other students, and to answer such objections, and to solve and suggest original problems and theorems. The classes are heard in divisions. so that every one may be daily drilled. Written exercises are handed in.

In the more advanced subjects the studies are directed and illustrated by lectures. In the applied Mathematics students are practised in the handling of instruments, the taking of observations, and in field-work of every kind. In astronomy they are taught the working of the Observatory.

PRIZES.—A prize of thirty dollars is awarded to the Student in the Senior Class who has made the highest attainment in Astronomical Science. In 1875 it was awarded to A. A. Richards, with honorable mention of H. S. Carey.

For proficiency in Mathematical studies, a prize of twenty dollars is given in each of the departments, Classical and Scientific, to a member of the Junior Class. In 1875 these prizes were awarded as follows: in the Classical department to W. C. Stull, and in the Scientific department to J. T. Fuller.

PHYSICS.

The studies of this department in the Classical and the General Scientific Course occupy four recitations or lectures a week during the first and the second term of the Junior year, and five during the third term.

In Mechanics two courses are given; one a general course in a college text-book, accompanied with lectures and experiments, the other a thorough mathematical discussion of the subjects. The latter course is elective with Greek for students of the Classical Course.

In other subjects text-book study is accompanied with illustrative lectures, aided by apparatus which will bear comparison with that of any other of our colleges, and which is continually enlarged and improved by new instruments devised or selected by Professor Moore.

For the advanced studies of the Technical Courses in Analytical Mechanics and other topics of Mechanical Engineering, see pages 27–30.

In the departments of Physics, Mathematics, Astronomy, and Chemistry, instruction has been aided by the preparation of a series of eight hundred wall-charts, mounted on cloth, and executed by Gustave Garnier; many of these diagrams embrace illustrations not otherwise easily accessible to students.

CHEMISTRY.

The study in this department begins with a course of lectures on General Chemistry combined with the study of a text-book. In connection with these lectures each student is required to perform for himself a course of illustrative experiments in the Laboratory, under the direction of the Professor; and they are invited to pursue Analytical Chemistry through the rest of the course. The apparatus for experimenting has recently been enlarged by extensive purchases, and is of the most complete kind. One whole story of Pardee Hall is devoted to Chemical Laboratories and Lecture-rooms, and every aid known to modern educators is there offered to each student in prosecuting his studies.

For the more advanced Chemical Studies of the Scientific Course, see page 32.

BOTANY, ZOOLOGY, GEOLOGY.

FRESHMAN YEAR.	*Third Term.*	Mineralogy.
SOPHOMORE YEAR.	*Second and Third Terms.*	Botany. Zoölogy.
JUNIOR YEAR.	*First and Second Terms.*	Zoölogy. Botany.
SENIOR YEAR.	*First Term.*	Botany. Zoölogy.
	Second Term.	Mineralogy. Geology.

The exercises of the Freshman, Sophomore and Junior years belong to the Scientific Course; those of the Senior year belong also to the Classical Course. The instruction includes structural and descriptive Science,—field excursions for observations and collection, preparation and care of specimens, drawing, the use of the microscope, and other means of refined observation. The collections in Botany are most ample. There has been lately added to the College Herbarium the extensive collection of Prof. Porter, the fruit of thirty years labor on his part, embracing the complete Flora of Pennsylvania. In GEOLOGY, besides the text-book study, Professor Porter delivers a course of lectures.

In MINERALOGY the classes have the advantages of the instructions of Professor Prime, and of the admirable cabinets prepared for the Technical Course of Metallurgy and Mineralogy. For the advanced studies of this Course, see pages 28, 29.

HUMAN PHYSIOLOGY, PHYSICAL CULTURE.

FRESHMAN YEAR.	*First Term.*	Lectures on Health.
JUNIOR YEAR.	*First Term.*	General Principles of Physiology.
SENIOR YEAR.	*First Term.*	Lectures on Anatomy and Physiology.

The Lectures in this department are thorough and practical, illustrated by a mannikin, and by diagrams and anatomical plates and preparations. Special consideration is also given to the bearing of the facts and principles upon NATURAL THEOLOGY.

A department of PHYSICAL CULTURE has been organized, to secure healthful daily exercise and recreation to all the students, and to teach them the laws of health. It includes training in the use of the vocal organs, and in movement and manners as connected with oratory. It is intended that physical training, under the immediate supervision of the Professor of Physical Culture, shall be a part of the regular College Course, as soon as funds may be secured for a Gymnasium.

RELIGIOUS EXERCISES.

All the students attend prayers in the College Chapel morning and evening, and preaching on the Sabbath. A daily social prayer-meeting has long been maintained by the students; it is under the auspices of the Christian Brotherhood of the College, an organization composed of professing Christians, having for its object mutual helpfulness in right living and usefulness. Thursday evening there is divine service in Brainerd Hall, conducted by the President, or one of the Professors, to which all the students are invited.

DEGREES.

The First Degree.—The degree of BACHELOR OF ARTS is conferred on the graduates of the Classical Department, the degree of BACHELOR OF SCIENCE on graduates of the General Scientific Course, or if Latin be taken in this course, the degree of BACHELOR OF PHILOSOPHY. Graduates of the Engineering Course receive the degree of CIVIL ENGINEER; those of the Mining Course the degree of MINING ENGINEER; those of the Chemical Course the degree of ANALYTICAL CHEMIST.

Master's Degree.—The degree of MASTER OF ARTS is conferred upon any BACHELOR OF ARTS who has been engaged in literary or scientific pursuits for a period of not less than three years since his graduation, and who has during that time sustained a good moral character. The degree of MASTER OF SCIENCE is conferred upon any GRADUATE of the Scientific Department who has pursued for two years the Post-Graduate Course of the College in any of the scientific departments, or who has elsewhere for three or more years engaged in scientific pursuits, and during that time sustained a good moral character.

Those desiring the MASTER'S degree should make written application to the President at least two weeks before Commencement. The fee, including diploma, is $6. From those who enter College after January 1st, 1875, this fee will not be required, as it is covered by the matriculation fee, as stated on page 43.

Doctor's Degree.—Graduates of the College of three years standing, and resident students of post-graduate courses for the same time, may by vote of the Faculty be admitted as candidates for the degree of DOCTOR OF PHILOSOPHY by Special Examination and Thesis.

Certificates.—Students who have been admitted to any Department of the College, and have passed satisfactory examinations therein, may obtain certificates of the same, on payment of the regular graduation fees, if they have been in attendance not less than one year.

LIBRARIES AND READING-ROOM.

The College Library is open Thursday, Friday, and Saturday, at nine o'clock, A. M.; those of the Literary Societies, on Wednesday afternoon; of the Brainerd Society and of the Scientific Societies at their regular meetings.

The EASTONIAN HALL is fitted up as a Reading-room, and is supplied with the best newspapers and periodicals of Ameriea, England, France, and Germany. Dictionaries, cyelopædias, and other works of reference belonging to the Library are also placed in this room. It is kept open to all members of College daily (Sundays excepted) for consultation during study hours, morning, afternoon and evening, and for general reading out of study hours. It occupies the first floor of the east wing of South College and the sceond story in galleries, making a spacious, light and airy hall. It is adorned with literary treasures and portraits of honored benefactors and officers of the College. Among these eollections is a Papyrus Scroll five feet long, from a mummy at Thebes, with a hieratic inscription pronounced by Seyffarth the finest he has seen, presented by Hon. John W. Garrett of Baltimore. There is also a full-length portrait of Lafayette, painted by Healey at the Chateau La Grange, from Ary Sheffer's famous painting, and presented by Dr. Thomas W. Evans of Paris.

TERMS AND VACATIONS.

The College year is divided into three terms, with intervening vacations, as given in the Calendar on page 2. All the Classes are examined at the close of each term, and a report sent to the parent or guardian. Students are required to be present punctually at the beginning of each term, and are not allowed during term-time to be absent from town, except by written permission from the President.

SOCIETIES.

There are two Literary Societies in the College, the WASHINGTON and the FRANKLIN, which have well-furnished Halls, wherein their weekly meetings are held on Wednesday evenings. Each Society has a valuable library. On the day preceding Commencement, the Literary Societies hold re-union meetings in the forenoon, and an oration is delivered before them in the evening.

The BRAINERD EVANGELICAL SOCIETY, as a Society of Inquiry, meets on the first Wednesday of each month, in the interest of missions and for the promotion of Christian effort. Its public anniversary address is pronounced on Sabbath preceding Commencement.

The NATURAL HISTORY SOCIETY, Professor PORTER, President, meets in the Botanical room, and by its committees on the different departments of natural science, is gathering a valuable collection, illustrating the physical features of the district adjacent to Easton. It consists of students and such other gentlemen, interested in scientific research, as may be elected to membership.

The CHEMICAL SOCIETY, Professor DROWN, President, meets in Pardee Hall. Papers on chemical or allied subjects are presented and discussed by the members. Laboratory students have the opportunity of working on original investigations and communicating the results to the Society.

The Society of PHYSICS AND ENGINEERING, Professor MOORE, President, has for its object the investigation and discussion of subjects connected with these departments.

The ALUMNI SOCIETY is composed of Graduates of the College and such of their classmates (who left College before graduation, and in good standing) as may have been elected. The annual meeting is held on Tuesday preceding Commencement-day.

EXPENSES, &c.

Tuition (to those not on scholarships) in the Classical or General Scientific Course	$15 00	a term.
Tuition in the Technical Courses, or Working Sections	25 00	"
General Expense	5 00	"
Library and Reading Room	2 00	"

The annual College charges are therefore for those who pay tuition in full, sixty-six dollars for the Classical or General Scientific Course, and ninety-six dollars in the Technical Courses. In place of the fees formerly paid at the time of matriculation and of receiving the degree at graduation and the Master's degree, amounting to $15, each student pays $5 when he is registered on entering college, and $10 when he is matriculated thirty days afterwards. These fees are appropriated to the Library fund, and to the increase of the scientific collections and apparatus.

Apparatus for the use of students in the Chemical Laboratories will be furnished and charged in their account, and the charge cancelled for that returned in good condition. Chemicals and all other materials will be charged according to the average cost. A deposit sufficient to meet these expenses is made on entering the laboratories. Members of the Classical Department are admitted to all the privileges of Pardee Hall while studying General Chemistry, and, for the present, without charge for the use of the laboratory and the aid of the Professor in attendance. Each will, of course, pay for chemicals which he uses, and for any apparatus which he may break or injure.

For the present the scholarships securing free tuition in the regular College classes will hold good for the Scientific Course, unless the student shall select one of the Technical Courses, in which case he must pay each year one-half of the regular fee for tuition.

A number of scholarships have been placed at the disposal of the Faculty, for the benefit of young men of talents and good moral character. Applications for these scholarships should be made to the President.

In all cases the place of boarding must be approved by the Faculty. The price of board the past year in clubs managed by the students was from $2.75 to $3 25 per week.* Board, including furnished room in private families, is from $5 to $7 per week. Unfurnished rooms in the College buildings may be had at a cost of from five to fourteen dollars a term (average $8.) Unfurnished rooms adjacent to the College premises can be rented for from twelve to sixteen dollars a term. Students obtain washing at 60 cents per dozen pieces.

The College charges must be paid each term in advance. The Treasurer also, on behalf of the Committee of Students, collects with the College bills, at the beginning of the first term $5, and of the second term $7, for fuel. The unexpended balance is refunded by the Committee at the close of the year. For the last few years the average cost for fuel to those in double rooms was $6.75, to those in single rooms $10.08. A deposit of one dollar is also made at the beginning of each term, to pay for public damages, the unexpended balance of which is returned to the student at the end of the year. Some money for books and other incidental expenses will be needed; but, with economy, the total annual expenses—exclusive of tuition, clothing and travelling expenses—need not exceed $250, as will be seen from the following summary:

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* There were last year nine of these Clubs. The price of board, per week in each, was as follows:—(1) $2 75; (2) $3.00; (3) $3.10; (4) (5) and (6) $3.15; (7) $3.20; (8) and (9) $3.25.

COLLEGE CHARGES.

General Expense,	$15 00	
Library and Reading Room,	6 00	
Damages, (if not returned,)	3 00	$24 00

INCIDENTAL EXPENSES.

Fees and dues, Literary and Scientific Societies,	$8 00	
Text-books and Stationery, (estimated)	20 00	$28 00

PERSONAL EXPENSES.

Board for 39 weeks, (at lowest club rates)	$107 25	
Room Rent, (average as above)	24 00	
Fuel, (as above)	6 75	
Light and Washing, (estimated)	24 00	$162 00
		$214 00
Leaving a balance for contingencies,		36 00
Total as above,		$250 00

Board at the highest club rates, $3.25 per week, would add $19.50 to the above estimate, but would still leave, from the two hundred and fifty Dollars, $16.50 for contingencies.

Parents or guardians at a distance may deposit funds with some member of the Faculty, who will pay particular attention to the pecuniary concerns of the student, settling his bills, and transmitting an account of the expenditure, for which services he will charge a commission. It is strongly recommended that parents furnish their sons with little beyond what will meet their necessary expenses.

RECENT ADDITIONS.

The Jern-Kontoret of Sweden has lately presented a complete set of iron, copper, nickel and lead ores, together with a full suite of the irons, steels, slags, mattes and metals made from them. The department of Mining Engineering has received the gift of a large collection made by P. W. Sheafer, of Pottsville. The Messrs. DuPont, of Wilmington, Delaware, have presented a full suite of specimens illustrating the manufacture of gunpowder.

Garnets, petrifactions, and Indian curiosities have been received from the Rev. John Menaul, of the Class of 1865, of Fort Wingate, Arizona. A Golden Eagle was presented by Samuel Hayden, of Easton.

Large additions have been made to the Herbarium.

Mr. Benjamin Douglass has made a donation for the increase of the

Library in the department of Christian Greek and Latin, from which about one thousand dollars have been expended in the purchase of the best working editions of such authors and of apparatus of investigation and study. Messrs. R. L. and A. Stuart have strengthened this department by the gift of a set of the Ante-Nicene Fathers. The heirs of C. L. Ward, Esq., have during the last year presented to the College his well-known library, of about ten thousand choice volumes of general literature, his law library, and all the books and pamphlets of his American historical collection, with his extensive collections of autographs, engravings, and curiosities. The Hon. Joseph Casey has presented valuable series of American Annals and State Papers, and of Legal and Congressional reports. R. Taylor, D.D., has presented sets of works on Theology. The Library has also received gifts from General A. J. Myer, Dr. J. Curwen, T. McCamant, Esq., (Class of 1861,) Hon. C. W. Butterfield, C. C. Dawson, Esq., H. R. Kraber, A. C. Tully, (Class of 1865,) T. C. English, (Class of 1873,) Superintendent C. P. Patterson, of the Coast Survey, the Treasury Department, the War Department, the Department of the Interior, the Board of Regents of the University of the State of New York, the Smithsonian Institution, and the U. S. Bureau of Education.

A fund was instituted by the Class of 1871 for the yearly purchase of the new issues of Early English texts.

BEQUESTS AND DEVISES.

Each State has special statutory regulations in regard to wills, and it is most important that all testamentary papers be signed, and witnessed, and executed in all other respects, according to the laws of the State in which the testator resides. In all cases, however, the name of the corporation must be accurately given, as in the following forms:

I give and bequeath to "the Trustees of Lafayette College" in Easton, Pennsylvania, and to their successors and assigns forever, the sum of ——— dollars, to be safely invested by said corporation in good real estate security, and the interest accruing therefrom to be applied to the support of the Professors in said college.

I give and bequeath a certain lot, situated, &c., to "the Trustees of Lafayette College" in Easton, Pennsylvania, and to their successors and assigns forever, for the uses and purposes of said college, according to the provisions of its charter.

LAW DEPARTMENT.

A Law Department has been organized by the Trustees of Lafayette College. It was formally opened on Wednesday, October 6th, 1875.

THE FACULTY.

WILLIAM C. CATTELL, D. D., President.

W. S. KIRKPATRICK, A. M., Dean of the Law Department and Professor of Elementary Law and History of Jurisprudence.

MATTHEW HALE JONES, A. M., Professor of Municipal Law.

TRAILL GREEN, M. D., LL D., Professor of Medical Jurisprudence.

FRANCIS A. MARCH, LL.D., Lecturer on Constitutional and Public Law and the Roman Law.

E. S. BARRICK, LL.B., Instructor in Municipal Law.

COURSE OF INSTRUCTION.

The course of instruction is so arranged as to be completed in two years. The following is a schedule of the course of study:

JUNIOR YEAR.	SENIOR YEAR.
General Commentaries on Municipal Law.	Equity Jurisprudence.
Contracts.	Pleading.
Real and Personal Property.	Evidence.
Torts.	Practice.
Elements of Pleading and Evidence.	Criminal Law.

Lectures in each year are delivered upon the Civil Law, Medical Jurisprudence, Legal History, Political Science, and other topics illustrative of the above course, and necessary to a thorough and scientific preparation for practice at the bar.

The instruction is by means of text-books and recitations at stated and regular times, supplemented by lectures and oral expositions.

Moot Courts are held regularly each week, and presided over by one of the members of the Faculty, who delivers an opinion upon the cause.

Students who enter at the beginning of the Junior year should be provided with Blackstone's Commentaries, Sharswood's edition; other text-books are announced as they are needed.

A collateral course of reading is recommended, and will be under the advice and direction of members of the Faculty.

Members of either class may attend the exercises of the other.

At the close of each year the classes are examined on the studies of the year.

TERMS OF ADMISSION.

The requisites for admission to the Junior class are that the candidates be of the age of eighteen years and of good moral charaeter. For admission to the Senior class, the requirements are that the applieant be of the age of nineteen years, of good moral character, have studied at some other regular Law School, or with a member of the Bar of a State of the Union for the period of one year, and sustain an examination in the elements of the common law, real property, contraets and torts.

LIBRARIES.

There is a Law Library conneeted with the school.

The law students will also have access to the general library of the College free of charge, and subject only to such regulations as are applicable to other members of the College.

The Reading Room of the College is supplied with the best newspapers and periodicals of America, England, France and Germany, and with dictionaries, cyclopædias and other works of referenee, and will be open to the law students daily, (except Sundays,) without charge.

PRIVILEGES.

Members of the Law Department ean attend the lectures of the Professors in the other departments, or join the College classes in any of their recitations, if compatible with other engagements, without charge for tuition.

TERMS.

There will be but one term in each Academic year, eommencing on the first Wednesday of October, and ending on the last Wednesday of the April following. The next regular term will commence on Wednesday, October 4th, 1876.

DEGREES.

The degree of LL.B., (Baehelor of Laws,) will be conferred upon graduates by the Trustees of the College upon the recommendation of the Law Faculty, based upon a previous satisfactory examination of the candidates.

EXPENSES, &c.

The tuition fee is $100.00 per annum, payable to the Treasurer of the College, one-half in advanee, and one-half on the last day of January.

Boarding and room in private families and other respectable boarding plaees, may be obtained for prices ranging from $5.00 to $7.00 per week. The cost of text-books during the two years will be about $25.00. Fee for Diploma $5.00.

For further information respecting the Law School, apply to HON. W. S. KIRKPATRICK, *Dean of the Law Department*, Lafayette College, Easton, Pa.